

FIG 3A

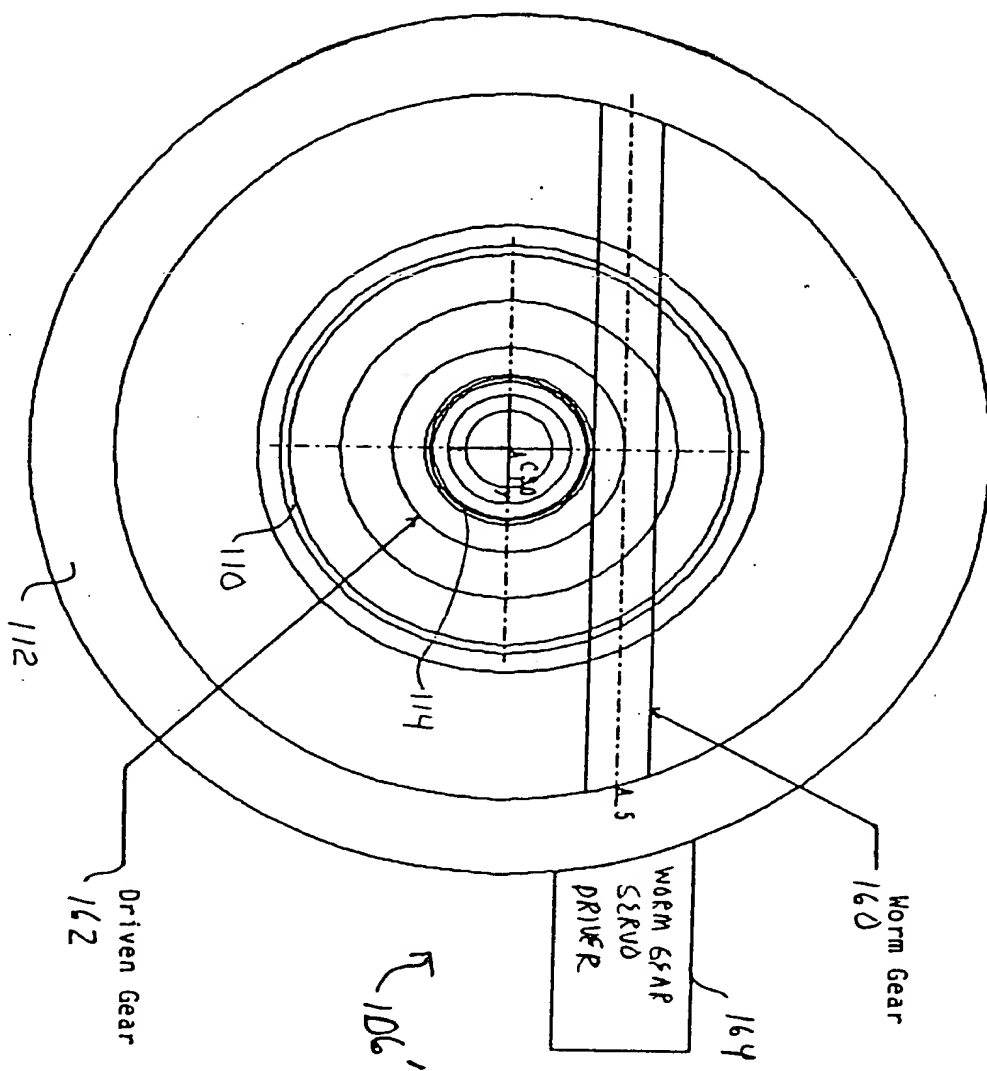


FIG 3B

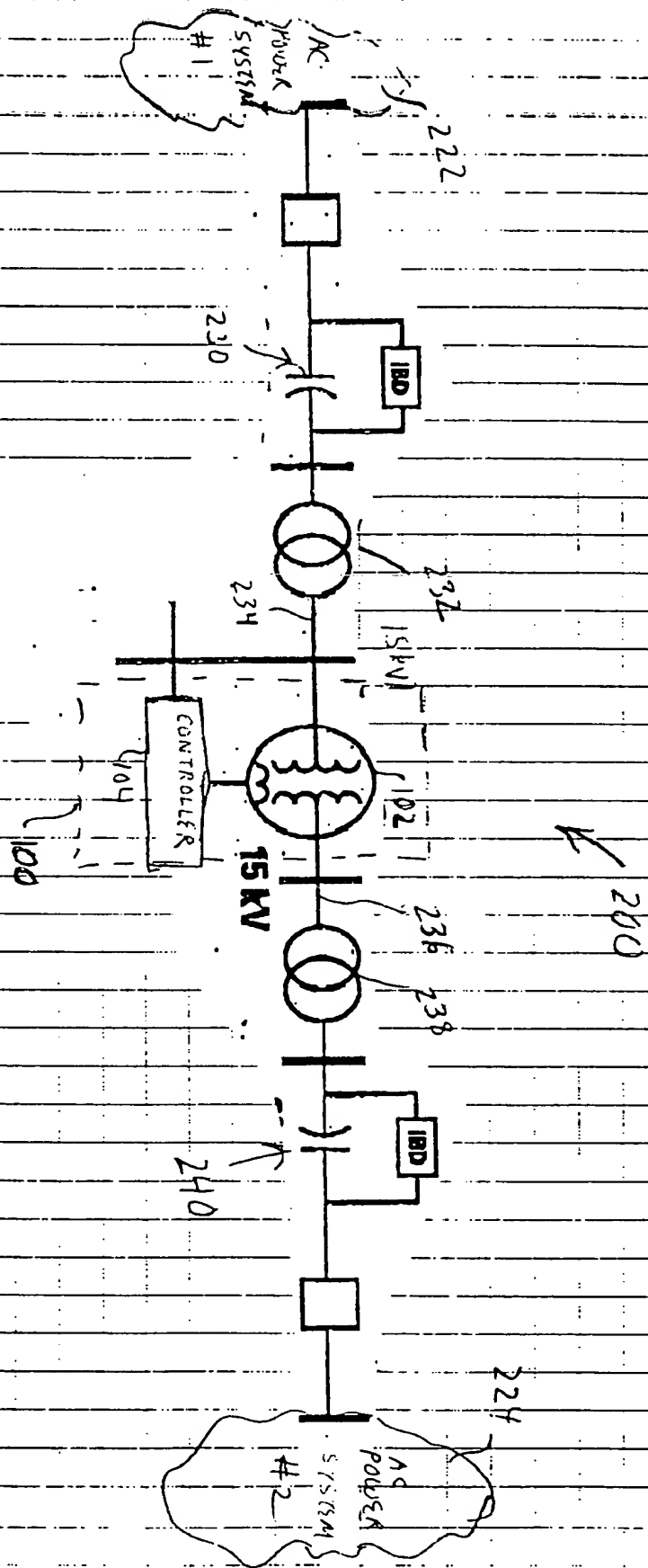
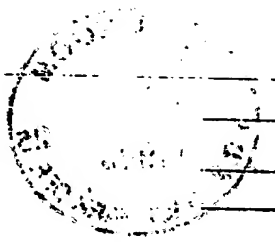
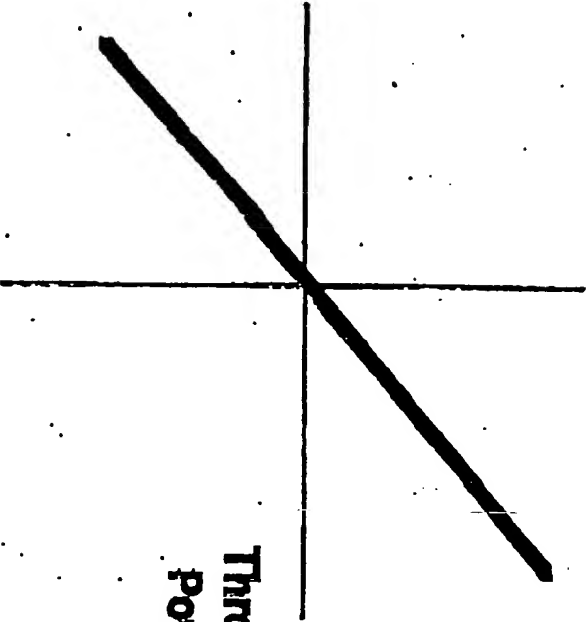


FIG 4



# Torque-Control Requirements

Control Torque



Through  
Power

$$\text{Control Power} = (\text{Control Torque}) * (\text{Slip Frequency})$$

FIG 5

# Capability Curve

AC System

Slip Frequency

Maximum  
Rotational  
Speed

Constant  
Control Power

Through  
Power

Machine  
Thermal Rating

CLOCKWISE  
ROTATION

COUNTER-  
CLOCKWISE  
ROTATION

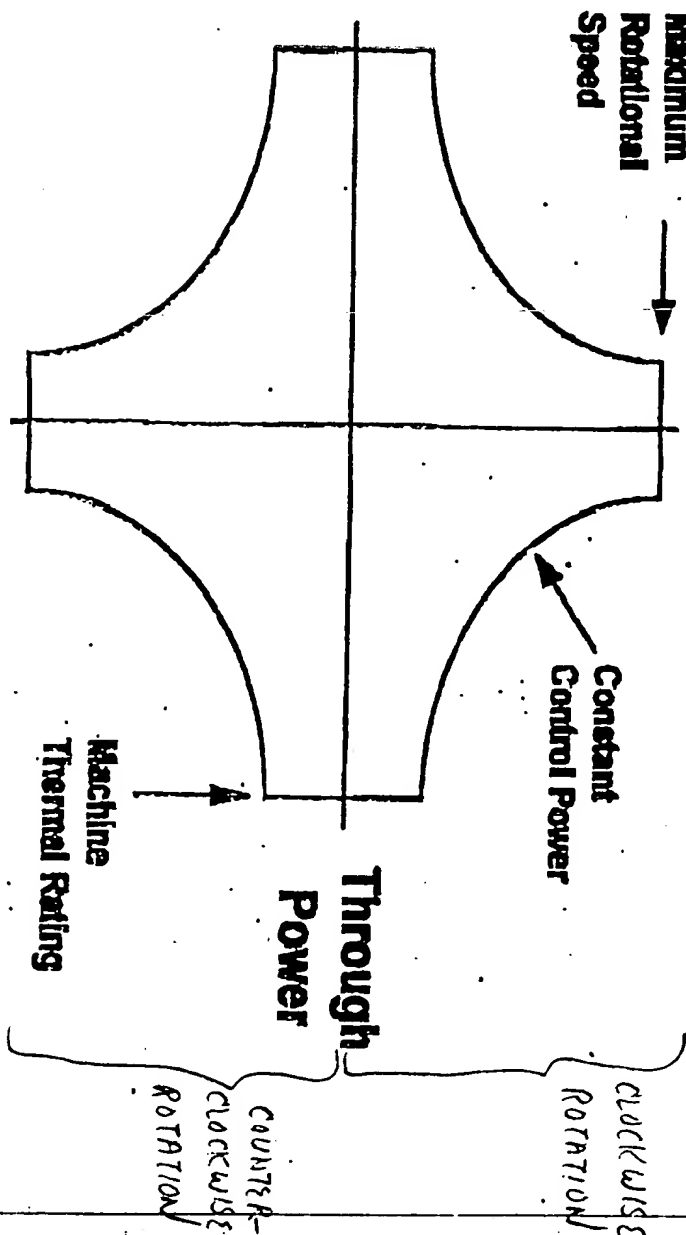


FIG 6

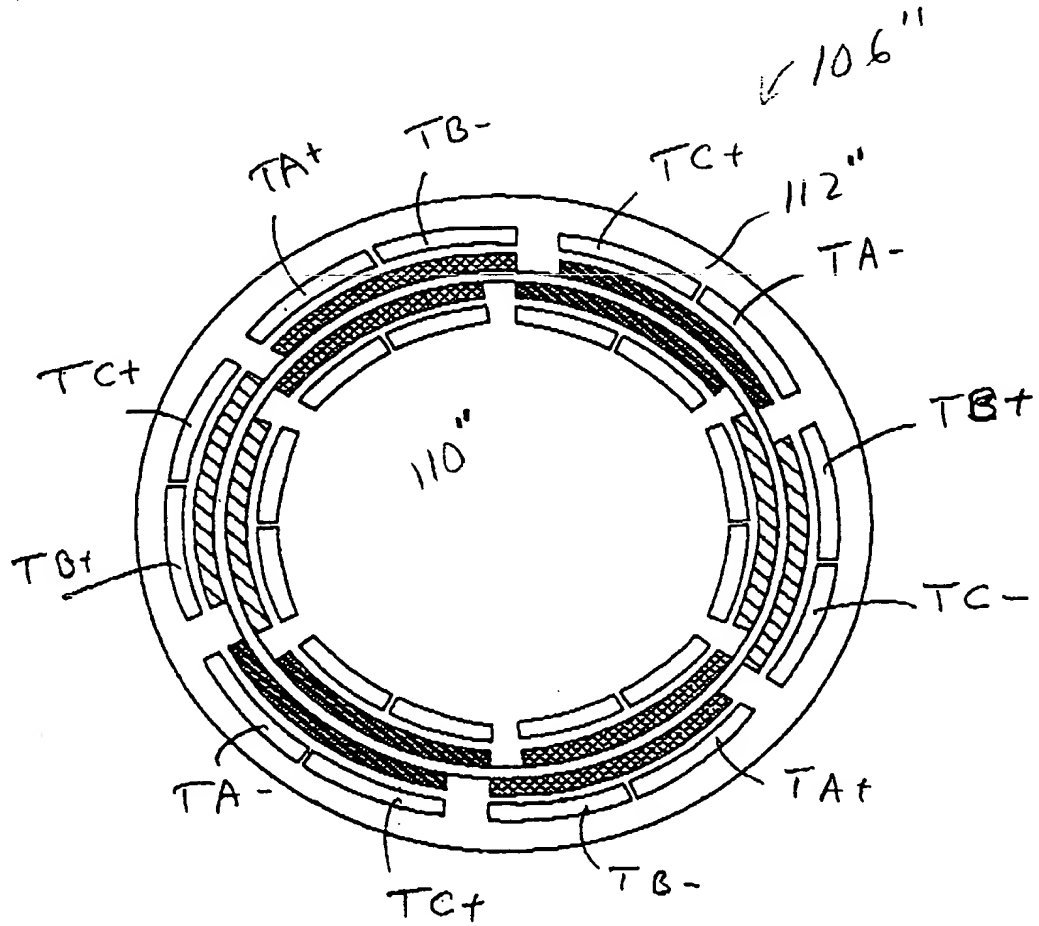


Fig 7



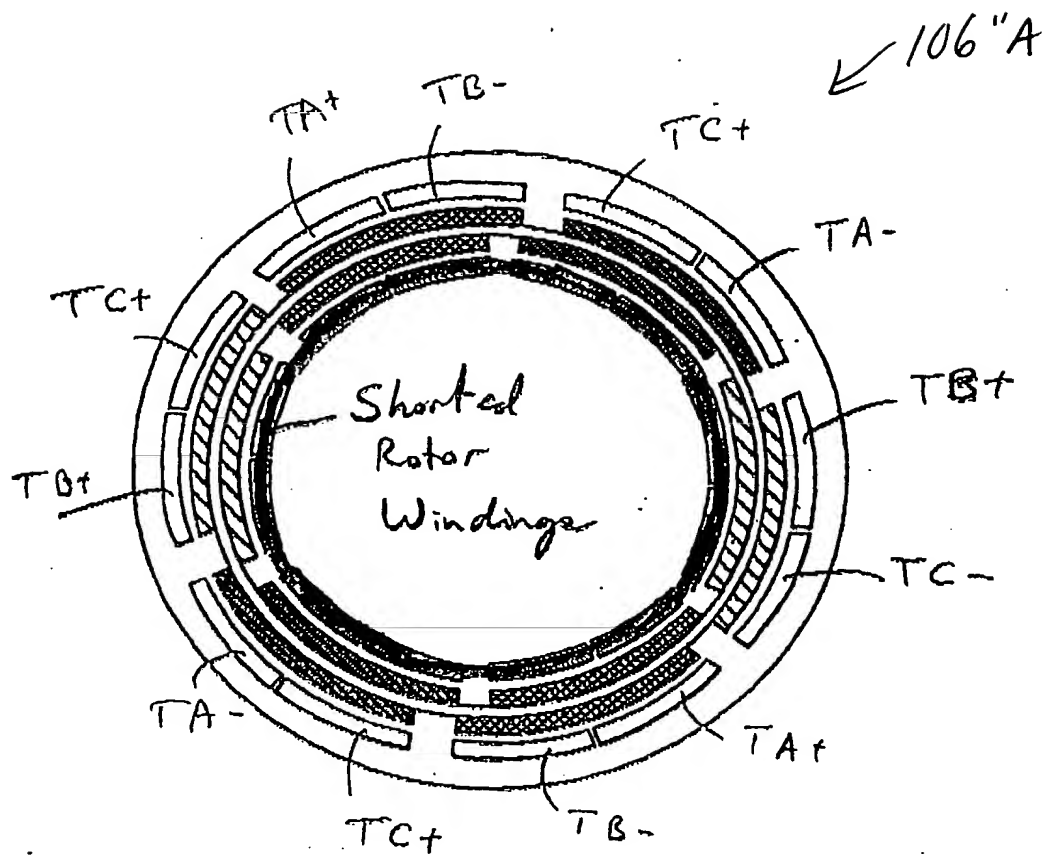


FIG 7A

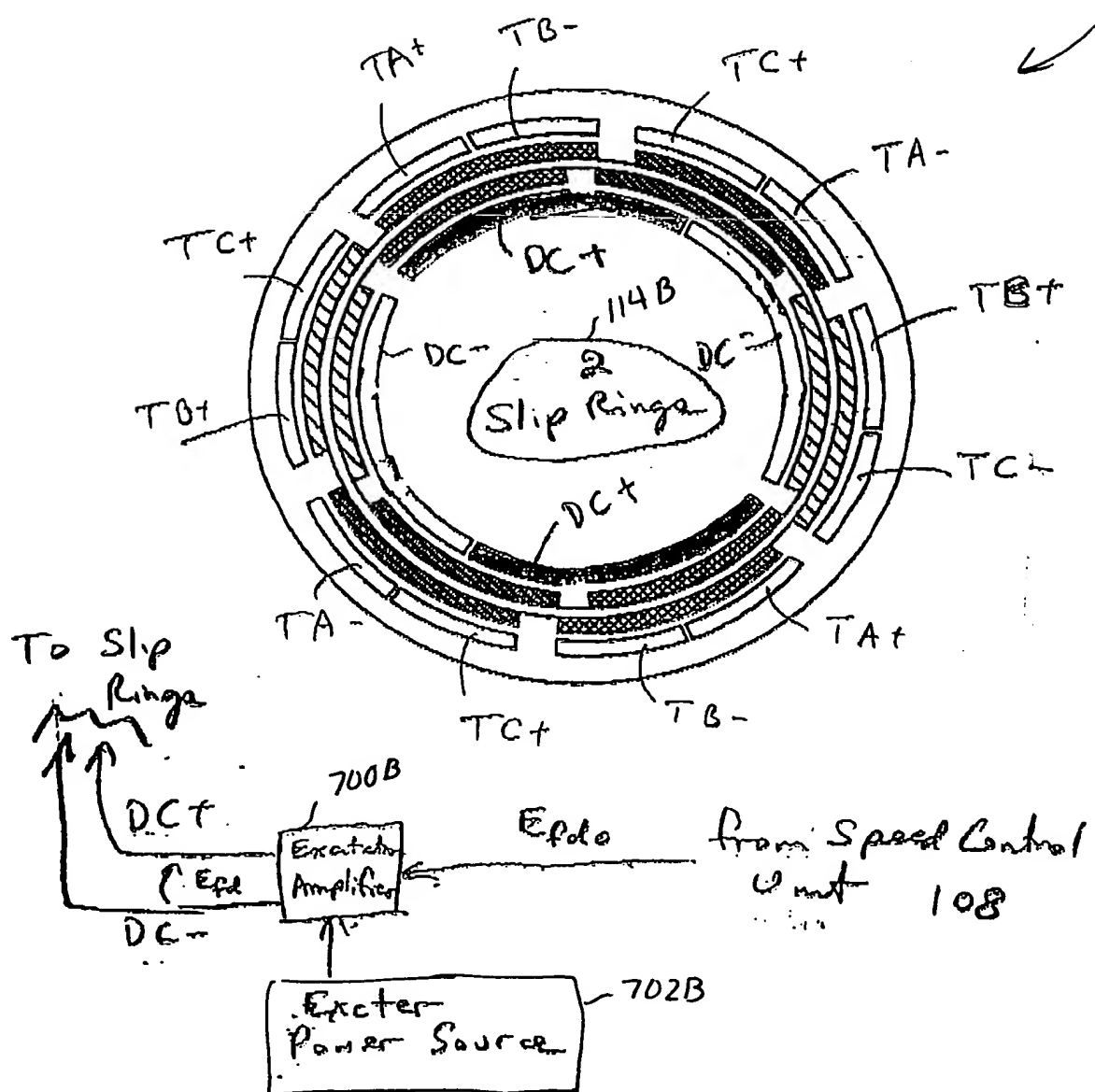


FIG 7B

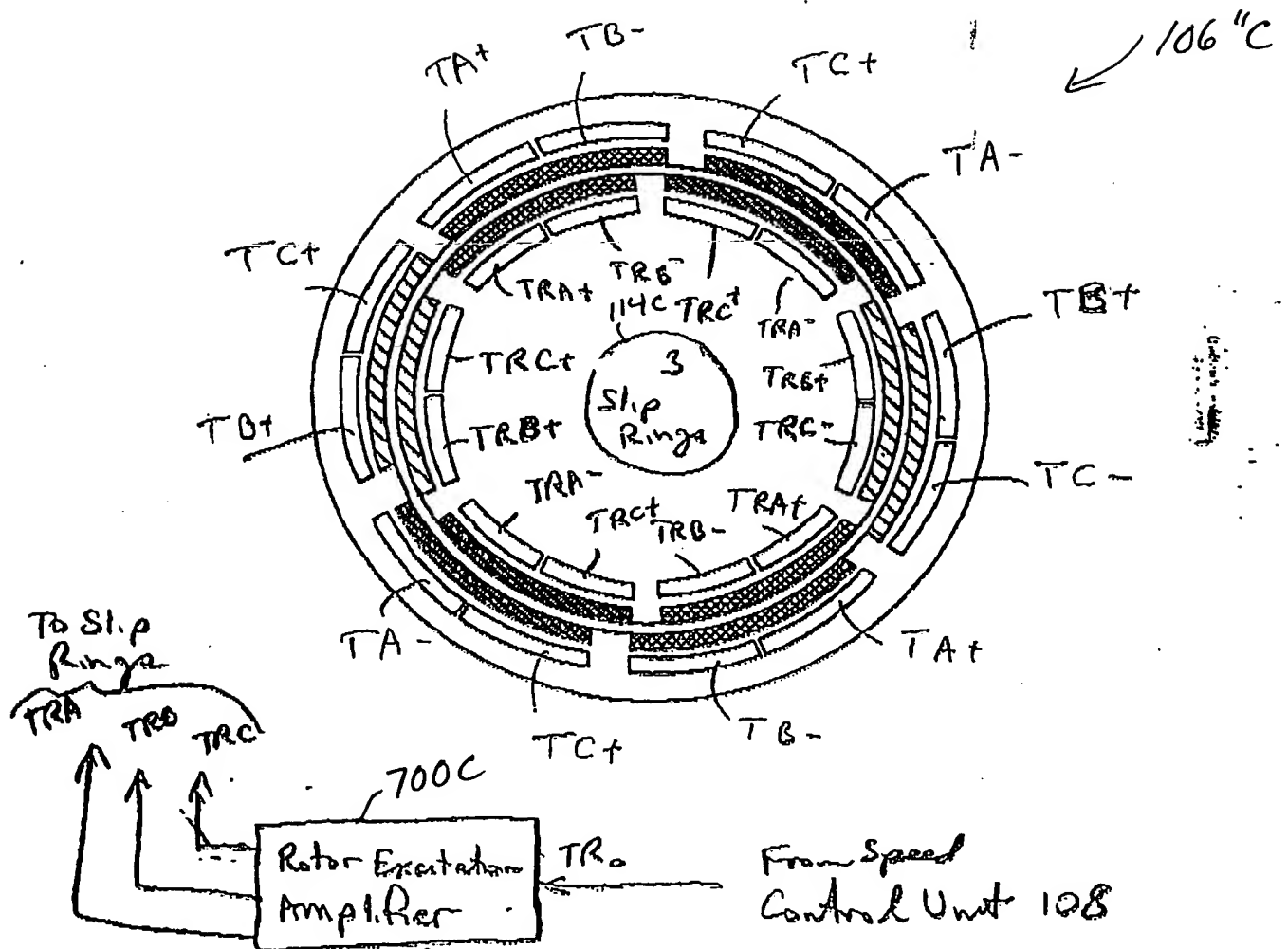


FIG 7C



PRIOR ART

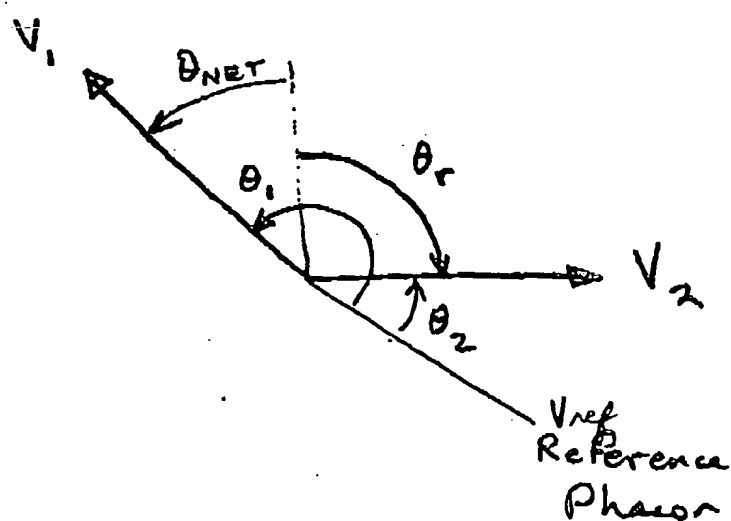


FIG 9